



2023 Bursary Opportunities Green Hydrogen Project Engineering relevant to the South African context

Background

A need has been identified by the Eskom Power Plant Engineering Institute (EPPEI) in collaboration with the GIZ's South African German Energy Programme (SAGEN) to build capacity in South Africa in the field of "green hydrogen project engineering". This field can be defined as the activity of designing, funding and successfully implementing fit-for-purpose projects based on green hydrogen, focussed on the complete application cycle of hydrogen projects including production, distribution, storage and end-use. In essence the focus is at system- rather than component-level research.

Bursaries are offered as part of this capacity building activity, to encourage the establishment of research competencies at South African universities, in green hydrogen project engineering, relevant to the South African context.

- What?** Full engineering bursaries in all relevant disciplines at South African universities. Bursaries of up to R100 000 per year for one year are available to cover registration and course fees, and student accommodation. Bursary funds will be transferred twice yearly. Note that the bursary funder has very strict audit requirements, therefore sufficient evidence will need to be provided for all expenditure (e.g. invoices), before any payment will be made. Additional funding is available to supervisors for substantiated expenditure on computer and other research equipment / licenses, conferences, and open-access publications in support of the student's research activities. All claims must be received by 1 June 2023.
- Who?** Applicants must be completing in 2022 / already hold a B.Eng degree, and plan to register as full-time students in 2023, or already be full-time students.
- Where?** Any South African university.
- When?** The deadline for applications is 25 November 2022. Successful applicants will be contacted in the week of 28 November 2022.
- How?** Students or supervisors can submit the student's CV, study record, and a max 300 words description of the proposed research topic (signed by the proposed supervisor) to bbekker@sun.ac.za